

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

October

2007

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

November 15, 2007

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Much of the San Angelo hydrologic service area (HSA) received below normal precipitation during October. A ridge of high pressure dominated over the region during most of the month resulting in warm and dry conditions. A few scattered thunderstorms and showers during the middle of the month brought some needed moisture. Most notable was some widespread showers that arrived early on the 22nd. This was not a heavy rainfall event, but it generally covered most of the HSA. The western edge of the HSA received .01 to 0.25 of an inch of rain, while the remainder of the area received 0.25 to 0.75 of an inch. A few isolated areas from the eastern Big Country down to the Northwest Hill Country received as much as one inch of rain.

The average rainfall reported from coop observers in October was 0.72 of an inch. The highest monthly rainfall total of 2.25 inches was reported in northern Concho County. Coop observers in Brown, Crockett, Callahan and San Saba Counties received over 1.5 inches of rain in October.

The San Angelo Regional Airport received 0.83 of an inch of precipitation during October, which was 1.74 inches below normal for the month. The monthly normal rainfall for San Angelo in October is 2.57 inches.

The Abilene Regional Airport received 1.93 inches of precipitation during October, which was 0.97 of an inch below normal for the month. The monthly normal rainfall for Abilene in October is 2.90 inches.

Junction received 0.53 of an inch of rain in October. The estimated average monthly rainfall for Junction in October is about 2.75 inches.

Coop Observer Rainfall Totals for October, 2007:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	0.43	Merkel 12SW	0.07
Acton Ranch	1.60	Oak Creek Lake	M
Albany	M	Ozona	0.35
Anson	0.34	Ozona 22SE	0.35
Ballinger 2NW	1.03	Paint Rock	2.25
Brady	0.95	Putnam	1.95
Brownwood	1.96	Red Bluff Crossing	1.80
Burkett	0.85	Richland Springs	M
Coleman	1.02	Robert Lee	0.34
Concho Park	0.80	Roscoe	M
Eden	0.55	Rotan	0.03
Eldorado	0.40	San Angelo WFO	0.90
Eldorado 10W	0.26	San Saba 7NW	1.59
Eldorado 12N	0.25	Silver Valley	M
Fort Griffin	M	Sonora	0.24
Fort McKavett	0.58	Stamford	0.48
Glen Cove	1.04	Sterling City	0.20
Hamlin	0.17	Taylor Ranch	0.51
Haskell	0.45	Telegraph	M
Hords Creek	M	Throckmorton 7NE	0.45
Humble Pump	0.72	Water Valley	1.11
Junction 4SSW	0.77	Water Valley 11NE	0.33
Lawn	0.82	Winters	0.86
London 3N	0.20	Woodson	0.29
Mason	0.41		
Menard	0.59		

(M) *Missing data*
(T) *Trace*

Reservoir Conditions (end of October, 2007)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	69,490	99
Lake Stamford	51,570	51,570	100
Hubbard Creek Lake	318,070	297,090	93
Hords Creek Lake	8,112	7,520	93
Lake Brownwood	131,428	126,530	96
E.V. Spence	517,270	78,810	15
O.C. Fisher	119,200	10,960	9
O.H. Ivie	554,340	374,500	68
Twin Buttes	177,800	77,410	44

Hydro Products Issued

FFA = 0

FFW = 0

FFS = 0

FLS = 1 (Flood Advisory)

FLW = 0 (Areal Flood Warning)

RVS = 0

FLW = 0 (River Flood Warning)

FLS = 0 (River Flood Statement)